

deterioration even when a continuous feeding system is adopted, and furthermore are free from the threat of invasion by foreign materials.

Claims:

1. A fluid, powder or grain feed tank, wherein the service tank is provided with a tank body to be filled with fluid, powder, or grain, the inside of the said tank body being divided into two chambers with a separating wall, the said separating wall being movable upward and downward to relatively increase and/or decrease the volumes of the two chambers, and each chamber being filled with the said fluid, powder, or grain.
2. The fluid, powder or grain feed tank of claim 1, wherein the inside of the said tank body is divided horizontally into an upper part and a lower part to form an upper chamber and a lower chamber with a separating wall that is movable upward and downward.
3. The fluid, powder or grain feed tank of claim 1, wherein the inside of the said tank body is divided vertically into a left part and a right part to form a left chamber and a right chamber with a separating wall that is movable from side to side.
4. The fluid, powder or grain feed tank of claim 1, 2, or 3, wherein the separating wall is made of a multi-angular or round base plate and a slidable sheet, the said slidable sheet being fixed at one end on the periphery of the said base plate, and being fixed at the other end on the inside walls of the tank body.
5. The fluid, powder or grain feed tank of claim 1, wherein the inside of the tank body is divided with a separating wall installed on a plurality of pillars extending upward and downward inside the tank body into an inner chamber inside the said separating wall and an outer chamber outside the said separating wall, the separating wall located in the spans of the pillars being movable toward the inner chamber and the outer chamber within the tank body.
6. The fluid, powder or grain feed tank of any of claims 1 to 5, wherein the above two chambers are filled with the same kind of fluid, powder, or grain.

Abstract: